

SYCAMORE CANYON BOULEVARD IMPROVEMENT PLAN
COMMUNITY FACILITIES DISTRICT NO. 92-1
(SYCAMORE CANYON BUSINESS PARK)
CITY OF RIVERSIDE

STATE OF CALIFORNIA

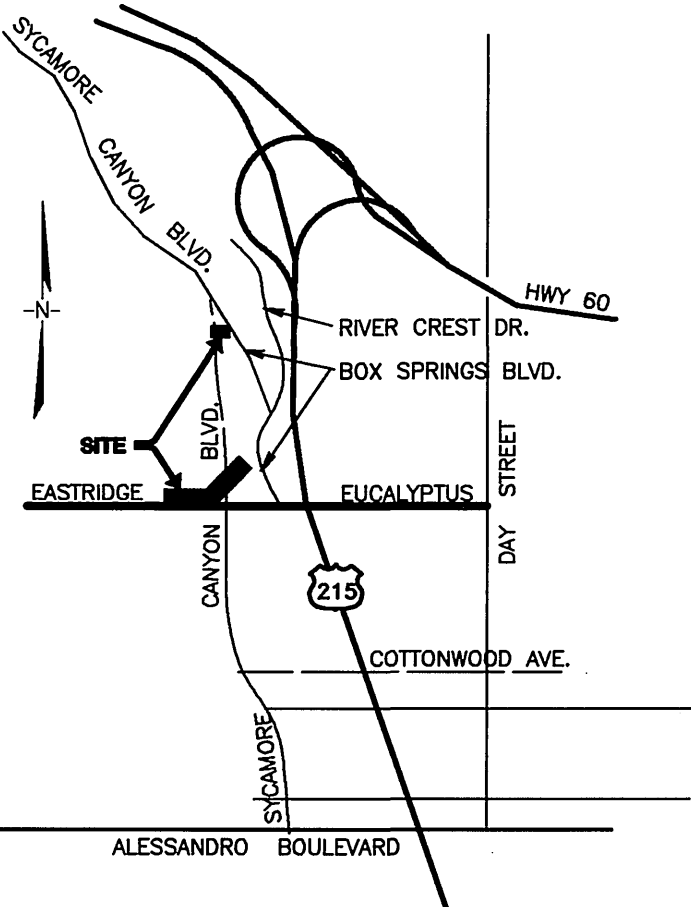
PREPARED BY
ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

3788 McCRAY STREET
RIVERSIDE, CALIFORNIA 92506
(909) 686-1070

BID SCHEDULE III
STORM DRAIN PLAN A



INDEX MAP
SCALE: 1"=300'



VICINITY MAP
NOT TO SCALE

GENERAL NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE SPECIAL PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION AND THE SPECIAL PROVISIONS FOR SYCAMORE CANYON COMMUNITY FACILITIES DISTRICT NO. 92-1.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL FLAGGED ELEVATIONS IN THE PLAN VIEW SHALL BE STAKED IN THE FIELD BY THE CITY.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- CONTRACTOR IS TO VERIFY EXISTING GAS, SEWER AND WATER ELEVATIONS IN BOX SPRINGS DR. PRIOR TO CONSTRUCTION.
- BEFORE THE RIP RAP IS ACCEPTED, AS PLACED, AT THE OUTLET OF DRAINAGE STRUCTURE, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.
- PIPE BEDDING TO BE CASE 1 PER CITY OF RIVERSIDE STD. NO. 452.
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.

CONSTRUCTION NOTES:

- CONST. 96" C.I.P.P. OR R.C.P. 1000-D ALTERNATE CONTRACTOR SHALL SUBMIT STRUCTURAL CALCULATIONS FOR C.I.P.P. TO THE ENGINEER FOR HIS APPROVAL PRIOR TO COMMENCEMENT OF WORK
- CONST 18" R.C.P. 1750-D
- CONST. 24" R.C.P. 1000-D
- CONST. 36" R.C.P. 1000-D
- CONST. 42" R.C.P. 1000-D
- CONST. 48" R.C.P. 1000-D
- CONST. 54" R.C.P. 2000-D
- CONST. 1/4 TON RIP RAP
- CONST. C.S.P. INLET PER CITY STD. DWG. NO. 412
- CONST. C.S.P. INLET PER CITY STD. DWG. NO. 412 - MODIFY TO 48" C.S.P. RISER
- CONST. TEMPORARY DITCH PER DETAIL ON SHEET 2
- CONST. JUNCTION STRUCTURE NO.4 PER CITY STD. DWG. NO. 423 - CASE 1
- CONST. JUNCTION STRUCTURE NO. "C" PER CITY OF RIVERSIDE STD. DWG. 422
- CONST. SECURITY GATE PER DETAIL ON SHEET 5
- CONST. DRAINAGE DITCH PER DETAIL ON SHEET 5
- CONST. BULKHEAD PER CITY STD. 456
- CONST. DITCH PER DETAIL ON SHEET 5
- CONST. CONC. ARCH (CLASS A) OVER EXIST. 42" SEWER PER W.M.W.D. STD. NO W-1020 INCLUDED IN SPECIAL PROVISIONS
- CONST.6' CHAIN LINK FENCE PER CITY STD 380.

NOTICE TO CONTRACTOR

THE FOLLOWING ORGANIZATIONS ARE WITHIN THE PROJECT AREA:
CITY OF RIVERSIDE, PUBLIC WORKS
CITY OF RIVERSIDE, ELEC.DEPT.
WESTERN MUNICIPAL WATER DIST.
SOUTHERN CALIFORNIA GAS CO.
GENERAL TEL. CO.
PACIFIC BELL TEL. CO.
THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY - NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS AND ARE APPROXIMATE. NEITHER THE CITY NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.
THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

SHEET INDEX

STORM DRAIN IMPROVEMENTS	
SHEET 1	TITLE SHEET
SHEET 2	PLAN & PROFILE VIEW
SHEET 3	PLAN & PROFILE VIEW
SHEET 4	BOX SPRINGS RD. PLAN & PROFILE VIEW
SHEET 5	DETAIL SHEET



BENCH MARK :

U.S.C. & G.C. DESIGNATION Z 749, RIVERSIDE COUNTY DESIGNATION 600-47-68, STANDARD BRASS DISK STAMPED Z 749 1945 ESTABLISHED BY C. & G.S. 1.7 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION AT MARCH FIELD, SET BETWEEN THE TRACK AND U.S. HIGHWAY NO. 1 215 64.5 FEET SOUTHWEST OF THE SOUTHWEST EDGE OF THE HIGHWAY, 43.6 FEET NORTHEAST OF THE NORTHEAST RAIL OF TRACK, 20 FEET SOUTHEAST OF POST, IRON BENCH MARK DISK SET IN TOP OF A CONCRETE POST 0.4 FEET ABOVE GROUND.
DATE 1970 ELEVATION: 1536.119

REVIEW BY:
WESTERN MUNICIPAL WATER DISTRICT
FOR NON-INTERFERENCE COMPLIANCE
SHEET 1 THROUGH 5
JEFFREY D. SIMS R.C.E. NO. 46212
DATE: 12/31/98

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET RIVERSIDE, CA 92506
(909) 686-1070
APPROVED BY: [Signature] DATE 12-11-98
R.C.E. NO. 44782
W.O.: 90-3000 FOR: CITY OF RIVERSIDE F.B.: 1990/155-158

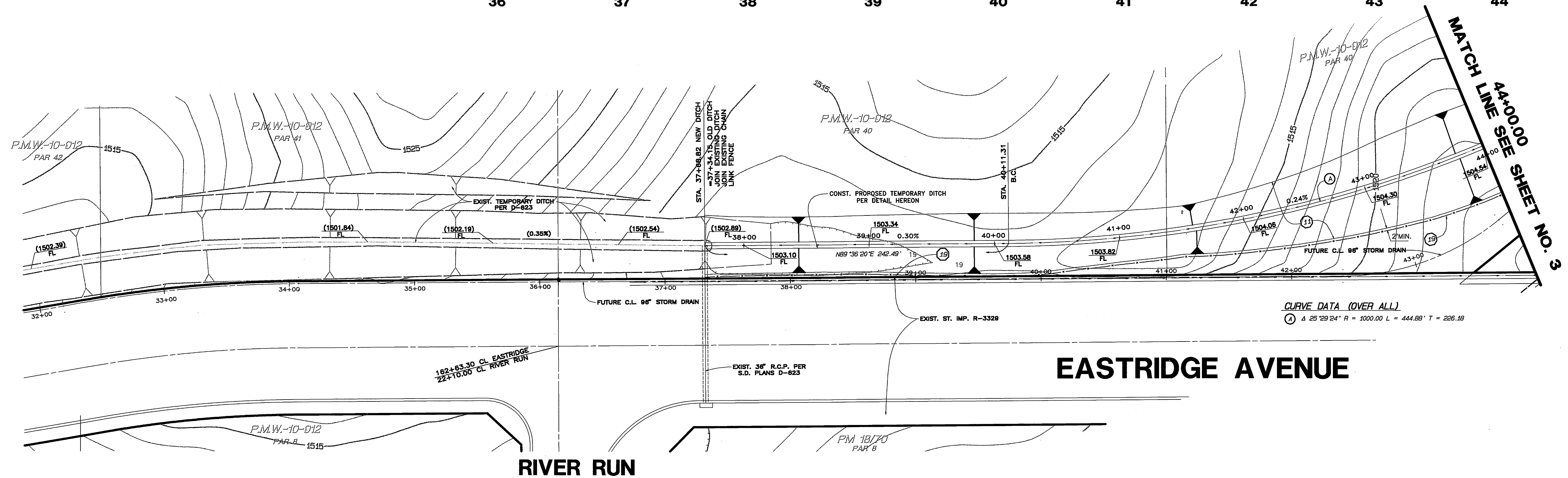
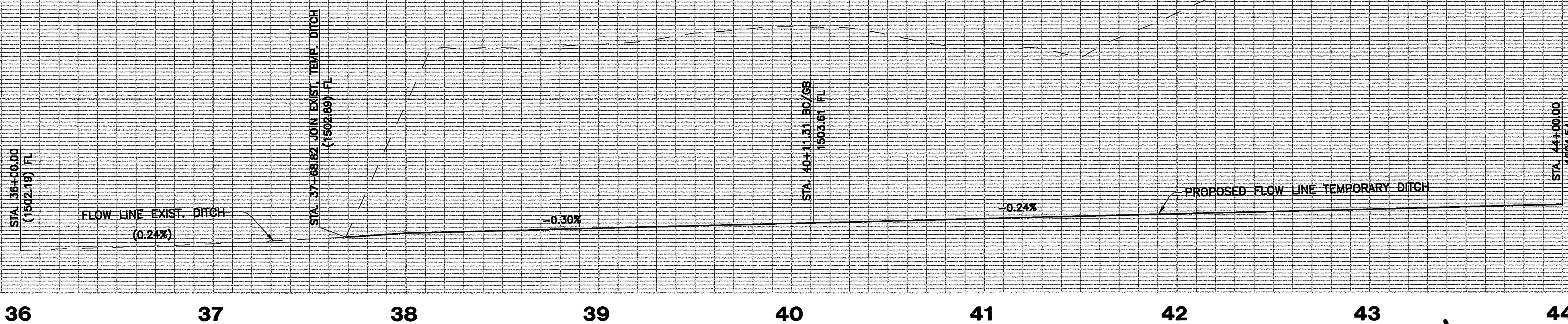
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	[Signature]	1/15/99	R. McBrath
TRAFFIC DIVISION			DIRECTOR OF PUBLIC WORKS
STREET-SERVICES			
ENGINEERING MANAGER	[Signature]	1/15/99	

STORM DRAIN PLAN & PROFILE	
SYCAMORE CANYON BUSINESS PARK COMMUNITY FACILITIES DISTRICT NO. 92-1	
TITLE SHEET	
SCALE:	AS SHOWN

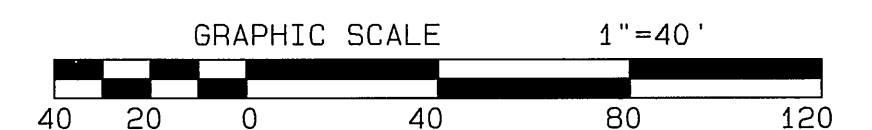
ACCOUNT NO.
DRAWING NUMBER
D-662
SHEET 1 OF 5
90-3000 B4

UNDERGROUND SERVICE ALERT
CALL: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG



EASTRIDGE AVENUE

CURVE DATA (OVER ALL)
(A) $\Delta 25^{\circ}29'24''$ $R = 1000.00$ $L = 444.88'$ $T = 226.18$

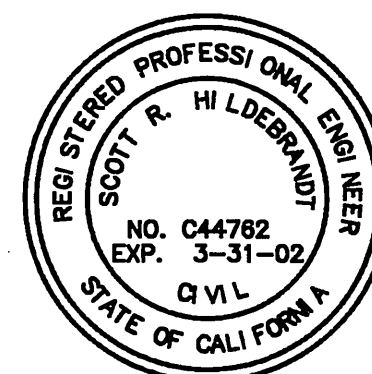


UNDERGROUND SERVICE ALERT
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BENCH MARK

U.S.C. & G.C. DESIGNATION Z 749, RIVERSIDE COUNTY
DESIGNATION 600--47--68, STANDARD BRASS DISK STAMPED Z 749 1945
ESTABLISHED BY C.& G.S. 1.7 MILES NORTHWEST ALONG THE ATCHISON,
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NORTHEAST OF THE NORTHEAST RAIL OF TRACK, 20 FEET SOUTHWEST
OF POST, IRON BENCH MARK DISK SET IN TOP OF A CONCRETE POST
0.4 FEET ABOVE GROUND.

DATE 1970 ELEVATION: 1536.119



CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-98

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAy STREET / RIVERSIDE, CA 92506

APPROVED BY [Signature] DATE 12-11-98
R.C.E. NO. 44762

W.O.: 90-3000 FOR: CITY OF RIVERSIDE F.B.: 1990/155-158

**CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT**

PUBLIC WORKS DEPARTMENT		
APPROVED BY	BY DATE	APPROVED BY
PRINCIPAL ENGINEER	<i>2</i> <i>11/1/88</i>	<i>R. Mc Grath</i>
TRAFFIC DIVISION		DIRECTOR OF PUBLIC WORKS
STREET SERVICES		
ENGINEERING MANAGER	<i>703</i> <i>11/1/88</i>	

STORM DRAIN PLAN & PROFILE

SYCAMORE CANYON BUSINESS PARK
COMMUNITY FACILITIES DISTRICT NO. 92-1

SCALE: HORIZ. 1"=40' VERT. 1"=4'

ACCOUNT NO. _____

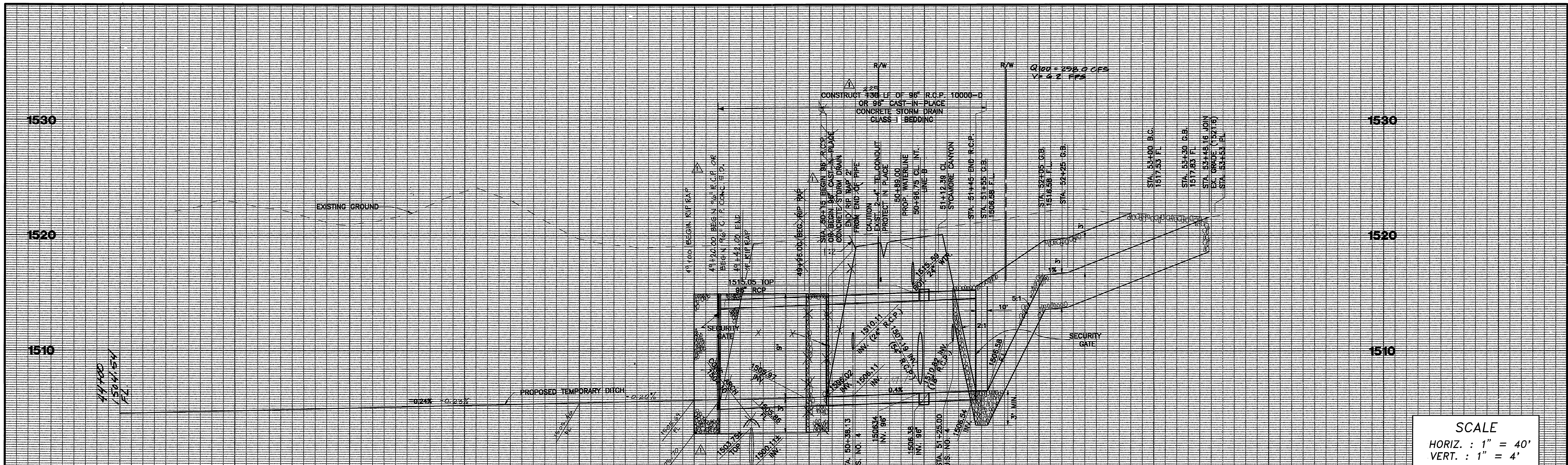
DRAWING NUMBER

D-662

SHEET **2** OF **5**

0-3000 B4

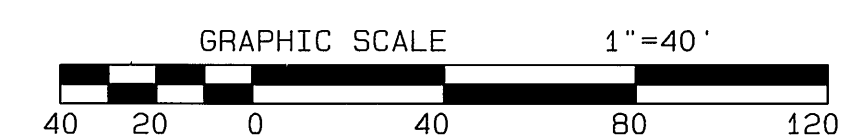
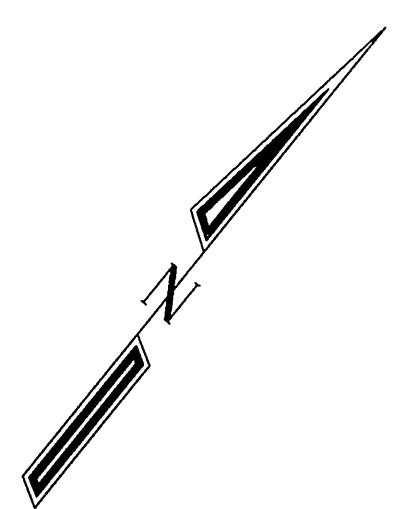
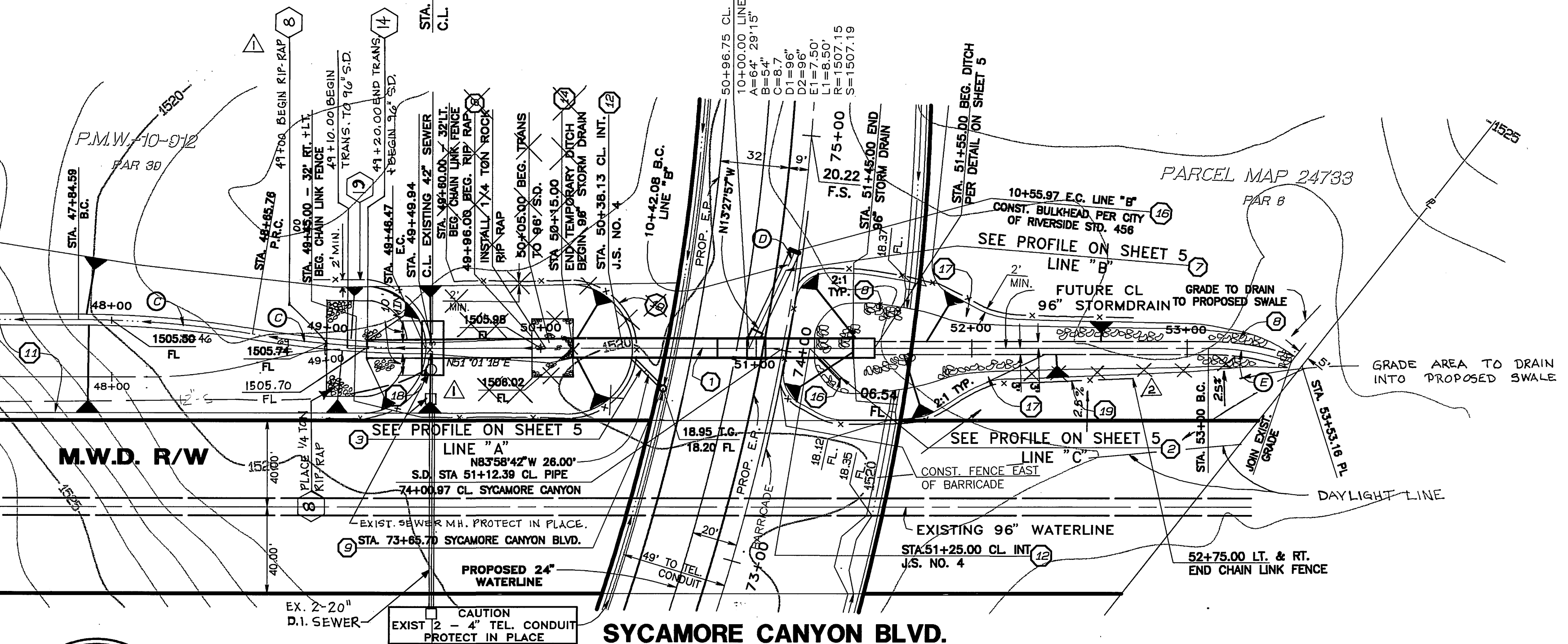
INDEXED 1-25-99 LTH



SCALE
HORIZ. : 1" = 40'
VERT. : 1" = 4'

MATCH LINE SEE SHEET NO. 2

- CURVE DATA**
- (A) Δ 25°29'24" R = 1000.00 L = 444.95 T = 226.18
 - (B) Δ 13°05'38" R = 500.00 L = 114.27 T = 57.38
 - (C) Δ 09°14'35" R = 500.00 L = 80.71 T = 40.44
 - (D) Δ 04°12'07" R = 100.00 L = 7.35 T = 3.67
 - (E) Δ 15°13'41" R = 200.00 L = 59.16 T = 26.74



UNDERGROUND SERVICE ALERT
CALL: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK
U.S.C. & G.C. DESIGNATION Z 749, RIVERSIDE COUNTY
DESIGNATION 800-47-68, STANDARD BRASS DISK STAMPED Z 749 1945
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OF POST, IRON BENCH MARK DISK SET IN TOP OF A CONCRETE POST
0.4 FEET ABOVE GROUND.
DATE 1970 ELEVATION: 1536.119



PACIFIC BELL
APPROVED BY: _____ DATE: _____

CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-98
ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 MCCRAY STREET, RIVERSIDE, CA 92506
(909) 686-1070
APPROVED BY: *Albert A. Webb* DATE: 12-11-99
R.C.E. NO. 44762
W.O.: 90-3000 FOR: CITY OF RIVERSIDE F.B.: 1990/155-158

REVISIONS

NO.	DESCRIPTION	DATE
1	REVISED INLET GRADING	11/14/99
2	EXTENDED 96" S.D. TO CLEAR SEWER	11/14/99

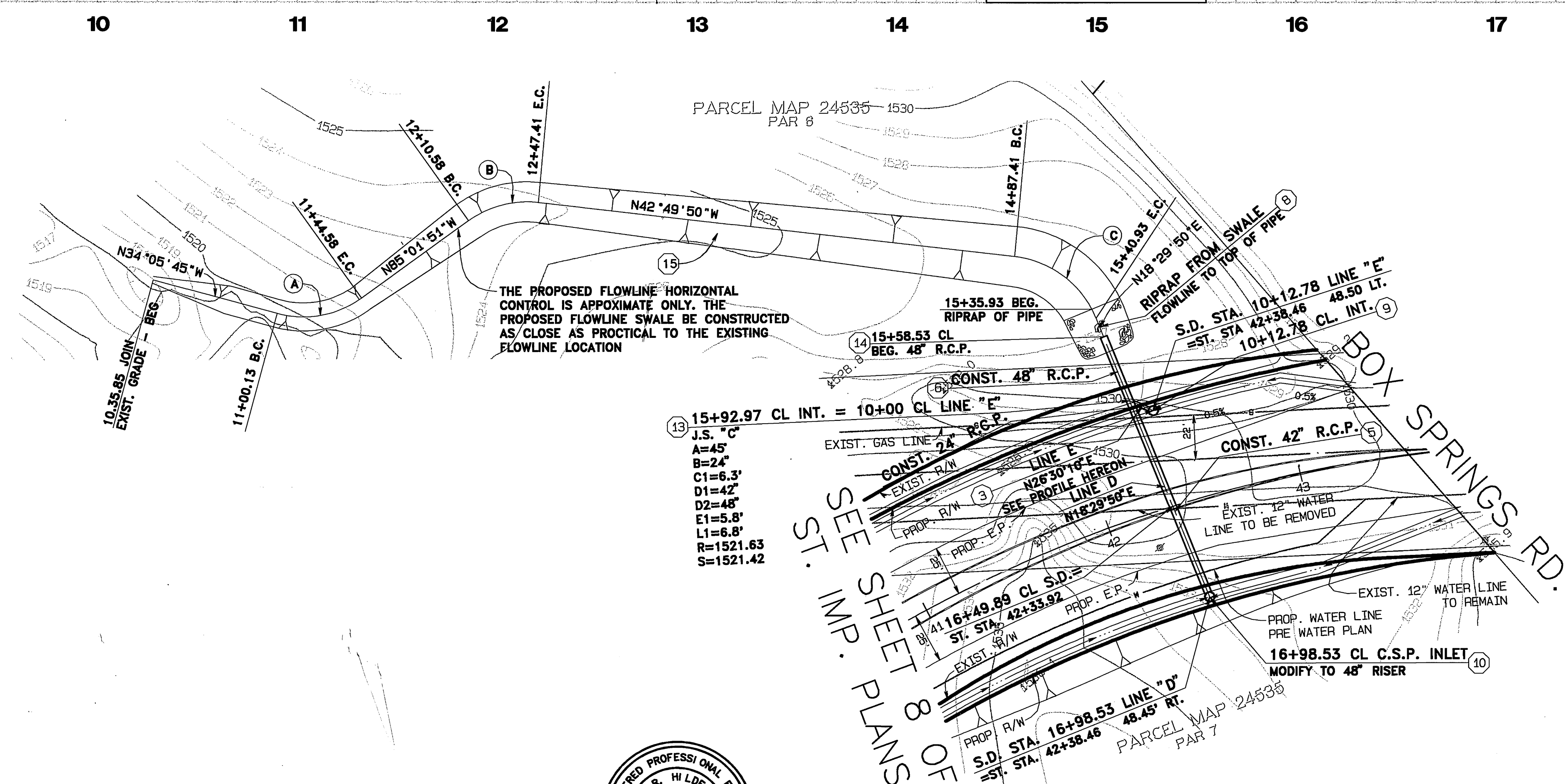
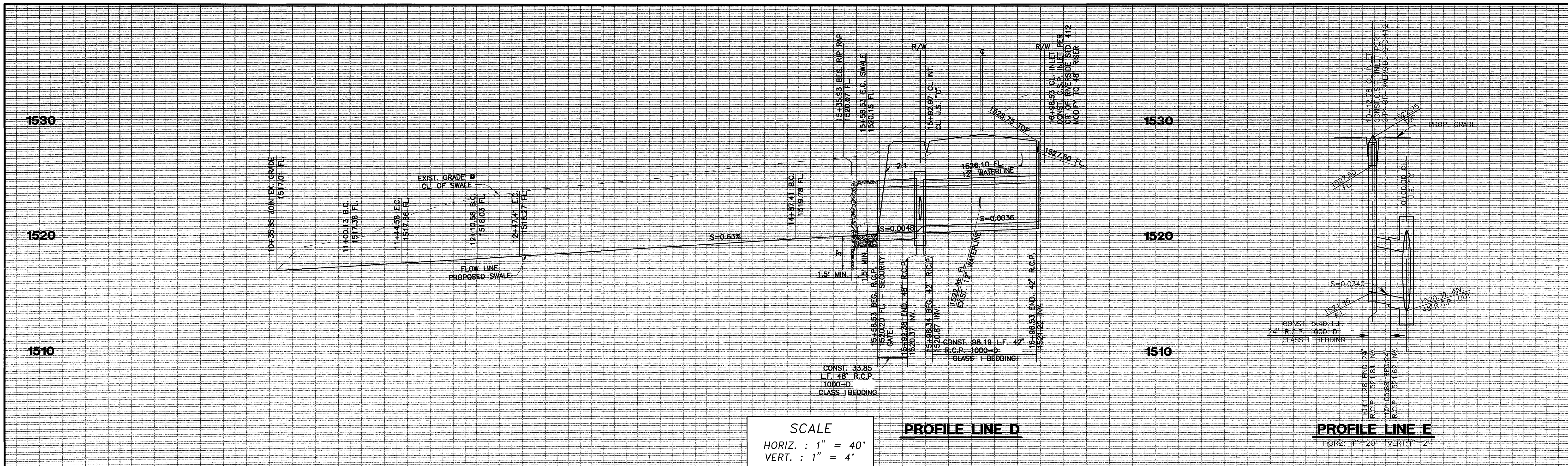
DESIGNED BY: *ML* CHECKED BY: *PLN* CHK REF: 11/99

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: _____ BY DATE: _____
PRINCIPAL ENGINEER: *R. McEnany*
TRAFFIC DIVISION: _____
STREET SERVICES: _____
ENGINEERING MANAGER: *78* DATE: 1-15-99

STORM DRAIN PLAN & PROFILE
SYCAMORE CANYON BUSINESS PARK
COMMUNITY FACILITIES DISTRICT NO. 92-1
SCALE: HORIZ. 1"=40' VERT. 1"=4'

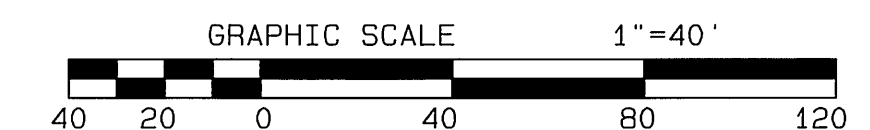
ACCOUNT NO. _____
DRAWING NUMBER
D-662
SHEET 3 OF 5
90-3000 B4

INDEXED 1-25-99 4H



CURVE DATA

- (A) Δ 50°56'06" R=50.00' L=44.45' T=23.81'
- (B) Δ 42°12'01" R=50.00' L=36.83' T=19.29'
- (C) Δ 61°19'40" R=50.00' L=53.52' T=29.65'



BENCH MARK

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DATE 1970 ELEVATION: 1536.119



SOUTHERN CALIFORNIA GAS COMPANY

APPROVED BY: _____ DATE: _____

CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-98

ALBERT A. WEBB ASSOCIATES
 CIVIL ENGINEERS
 3788 McCRAE STREET RIVERSIDE, CA 92506
 (909) 886-1070

APPROVED BY: *Albert A. Webb* DATE: 12-11-98
 R.C.E. NO. 44782

W.O.: 90-3000 FOR: CITY OF RIVERSIDE F.B.: 1990/155-158

DESIGNED BY: *W.A.* CHECKED BY: *W.A.* PLN CHK REF: 12-19-97

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT

APPROVED BY: _____ BY DATE: _____
 PRINCIPAL ENGINEER: *R. McBrath*
 STREET SERVICES: _____
 ENGINEERING MANAGER: _____

STORM DRAIN PLAN & PROFILE

SYCAMORE CANYON BUSINESS PARK
 COMMUNITY FACILITIES DISTRICT NO. 92-1

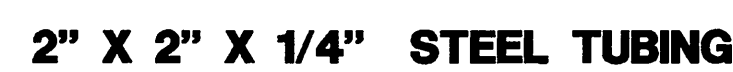
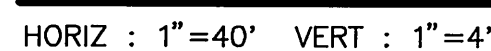
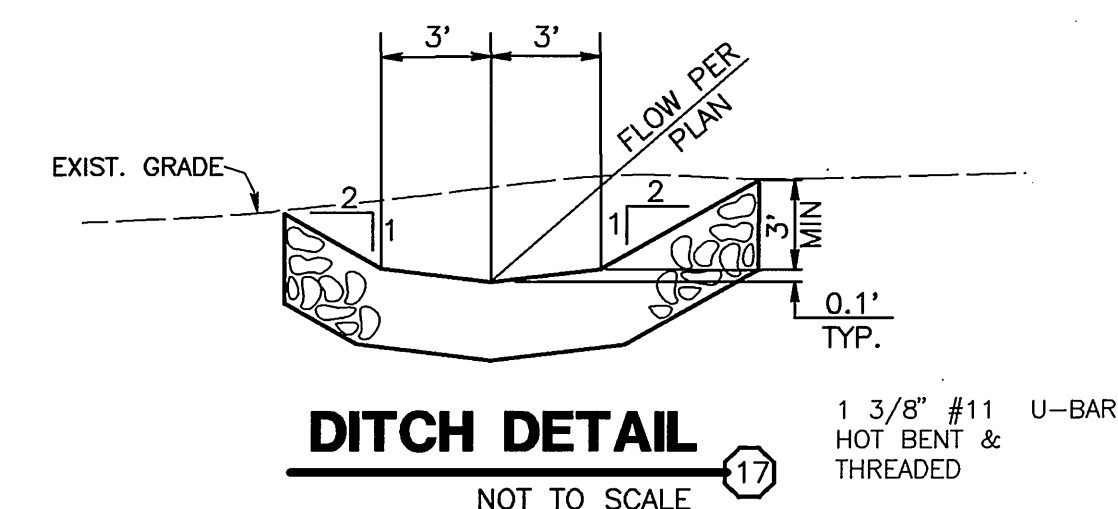
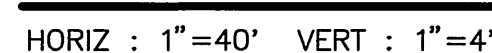
SCALE: HORIZ. 1"=40' VERT. 1"=4'

ACCOUNT NO. _____
 DRAWING NUMBER

D-662
 SHEET 4 OF 5

90-3000 B4

INDEXED 1-25-99 L/H



90-3000 B4



INDEXED 1-25-99 LFH